

**ACADEMY****HOBBY MODEL KITS****1/48th SCALE**

# ***SPITFIRE FR.MK.XIV E***

THE SUPERMARINE SPITFIRE WAS BUILT IN GREATER NUMBERS THAN ANY OTHER BRITISH TYPE AND WAS THE ONLY BRITISH TYPE IN CONTINUOUS PRODUCTION THROUGHOUT W.W.II.

THE PROTOTYPE FIRST FLEW ON MARCH 5, 1936. DELIVERY OF THE SPITFIRE MK.I BEGAN IN MID-1938 AND BY THE OUTBREAK OF THE WAR NINE SQUADRONS ENGAGED IN THE BATTLE OF BRITAIN TOGETHER WITH THE HURRICANE. AS TO THE MK.XIV, OVER 1,000 AIRCRAFTS OF THIS TYPE WERE MANUFACTURED AND DEPLOYED BEFORE THE END OF W.W.II. THE MAIN IMPROVEMENT WAS THE USE OF THE MORE POWERFUL TWO-STAGE GRIFFON TYPE 65 ENGINE WITH DEEP SYMMETRIC RADIATORS, FIVE-BLADED PROPELLER, COMPLETELY REDESIGNED AIRFRAME WITH NEW FUSELAGE, BROAD FIN/RUDDER, INBOARD AILERONS, AND RETRACTABLE TAIL WHEEL.

THE FR.MK.XIV E WAS THE RECONNAISSANCE VERSION OF THE F.MK.XIV E SPITFIRE. IT HAD "E" WING WITH TWO 20MM CANNON, TWO 12.7MM MACHINE GUN, AND ONE F.24 CAMERA IN THE REAR FUSELAGE.

ALSO FR.MK.XIV E HAD BUBBLE CANOPY, CUTDOWN REAR FUSELAGE, AND CLIPPED WING TIPS FOR BETTER LOW ALTITUDE MANEUVERABILITY. MANY AVIATION ENTHUSIASTS REGARD THE SPITFIRE MK.XIV AS ONE OF THE MOST BEAUTIFUL FIGHTER DURING THE W.W. II.

## ■ DATA

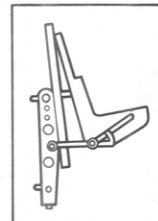
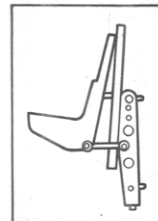
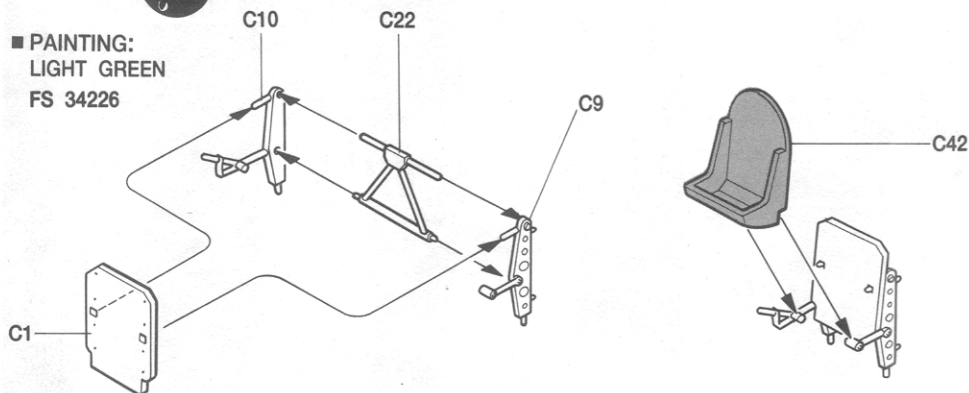
- CREW: 1
- LENGTH: 9.96m
- WINGSPAN: 9.93m (CLIPPED WING)
- ENGINE: ROLLS ROYCE GRIFFON TYPE 65 (2,050HP)
- SPEED: 721km/h
- CAMERA: F.24×1
- ARMAMENT (TYPE "E" WING): 20mm CANNON×2, 12.7mm MACHINE GUN×2
- BOMB: 450kg×1

**2161**

# 1 COCKPIT INTERIORS ASSEMBLY I

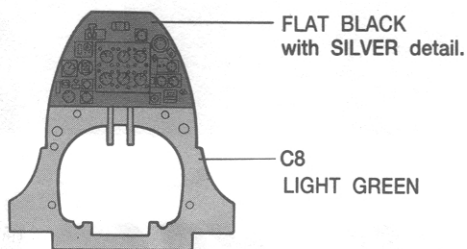
## PILOTS SEAT

■ PAINTING:  
LIGHT GREEN  
FS 34226

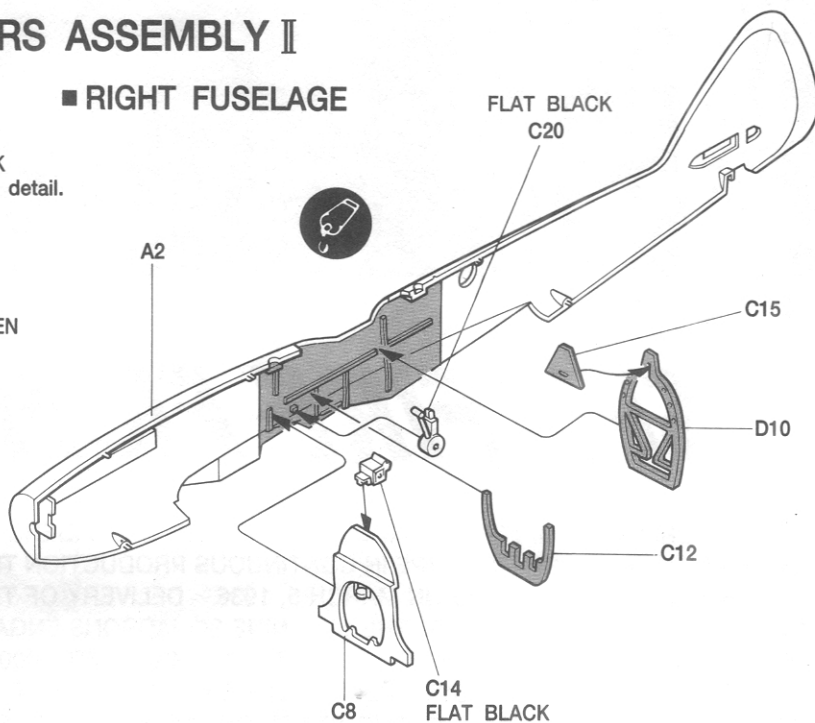


# 2 COCKPIT INTERIORS ASSEMBLY II

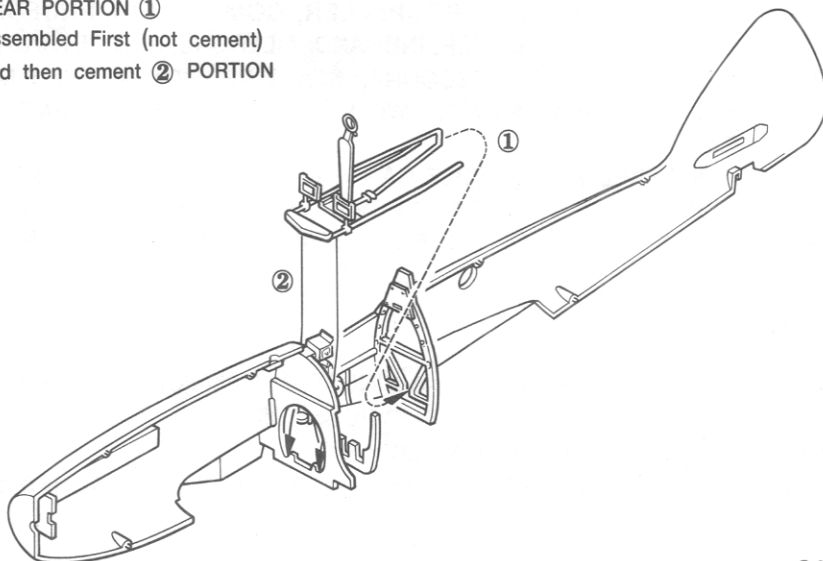
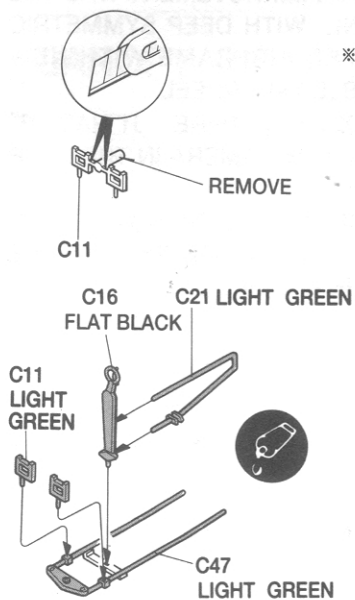
## RIGHT FUSELAGE



■ PAINTING  
LIGHT GREEN  
FS 34226



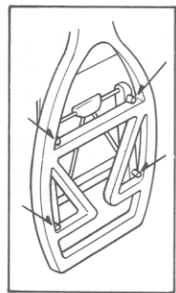
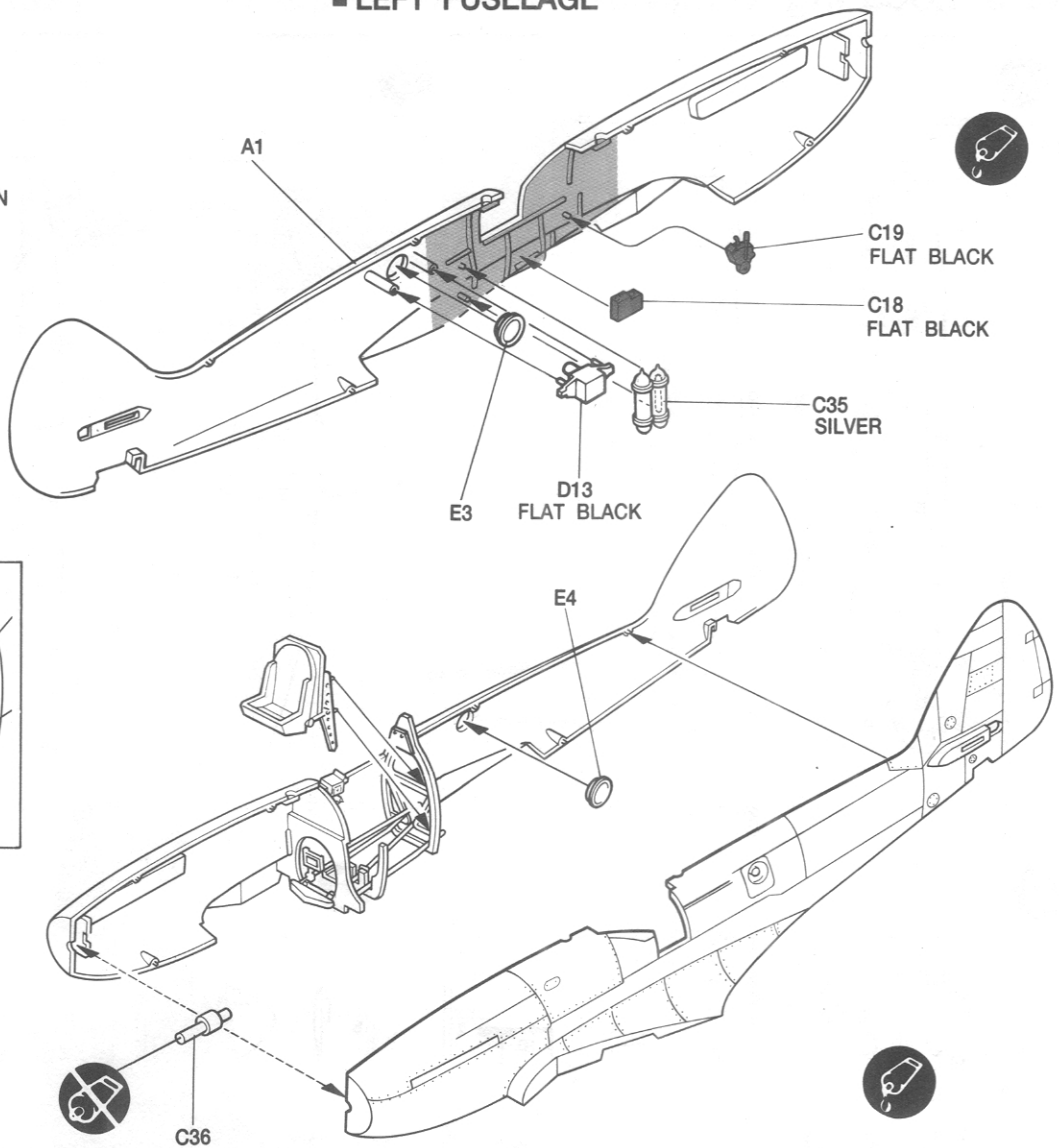
※ REAR PORTION ①  
Assembled First (not cement)  
and then cement ② PORTION



## ■ LEFT FUSELAGE

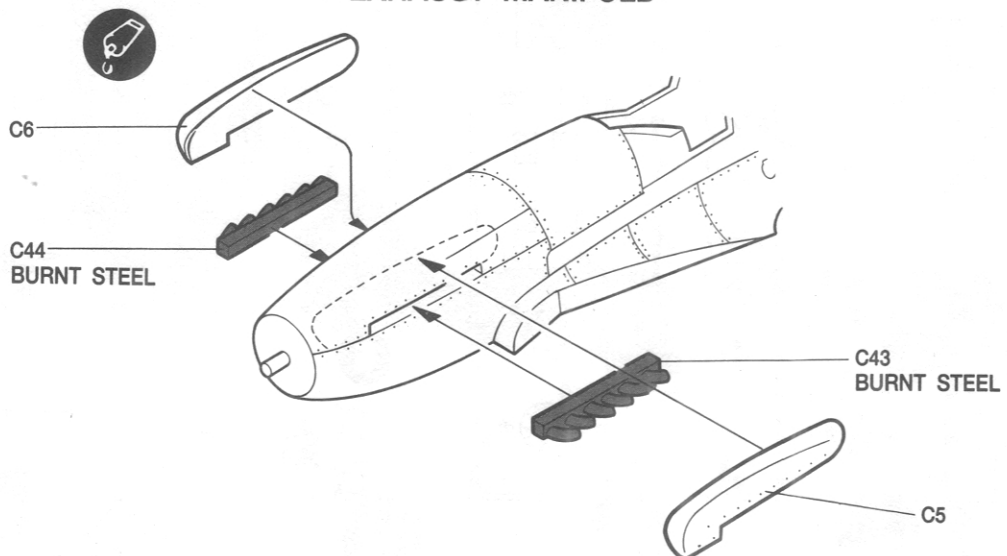
### ■ PAINTING

  
LIGHT GREEN  
FS 34226

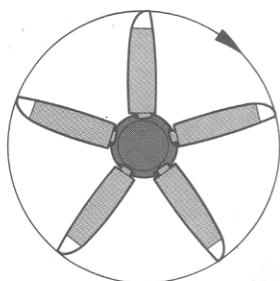


## 3 NOSE SECTION ASSEMBLY

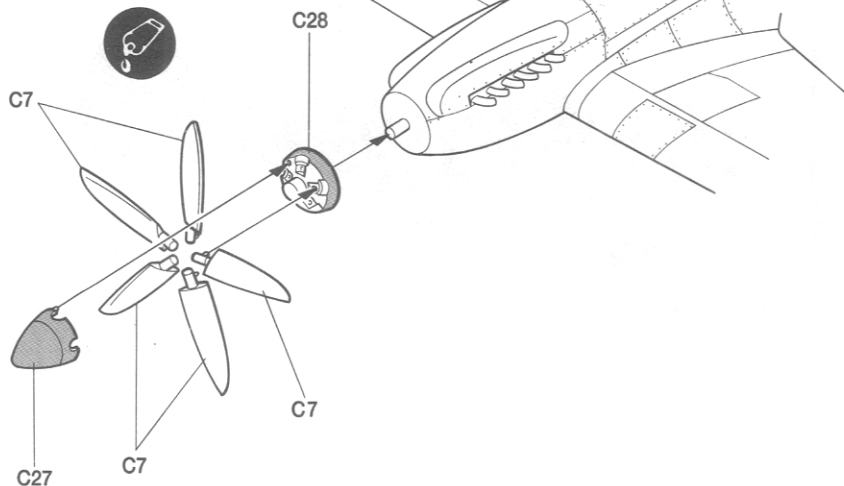
### ■ EXHAUST MANIFOLD



## ■ PROPELLER



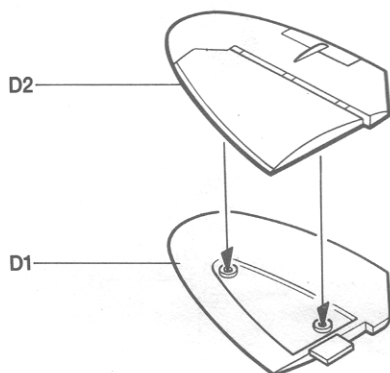
FLAT BLACK BLADES  
WITH YELLOW TIPS.  
SPINNER: WHITE  
FS 17875



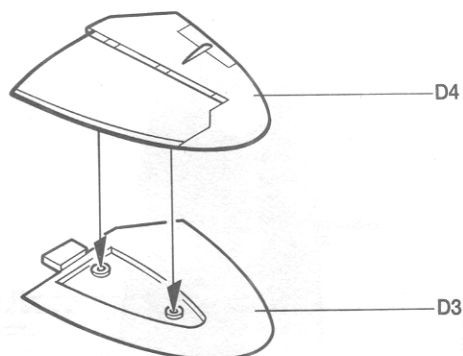
## 4 VARIOUS ASSEMBLY

### ■ TAIL PLANES

<RIGHT>

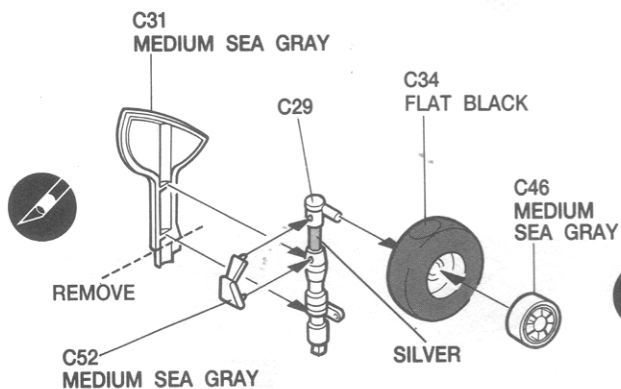


<LEFT>

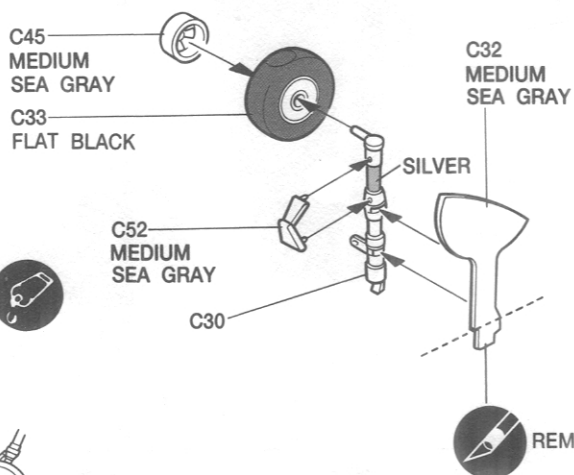


### ■ STRUTS WITH THE WEIGHTED TIRES & HUBS

<RIGHT>



<LEFT>

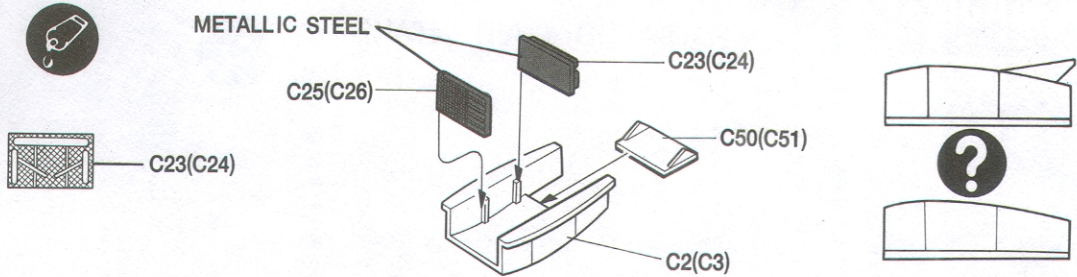


※ MEDIUM SEA GRAY: BS 381C/637  
FS 36270

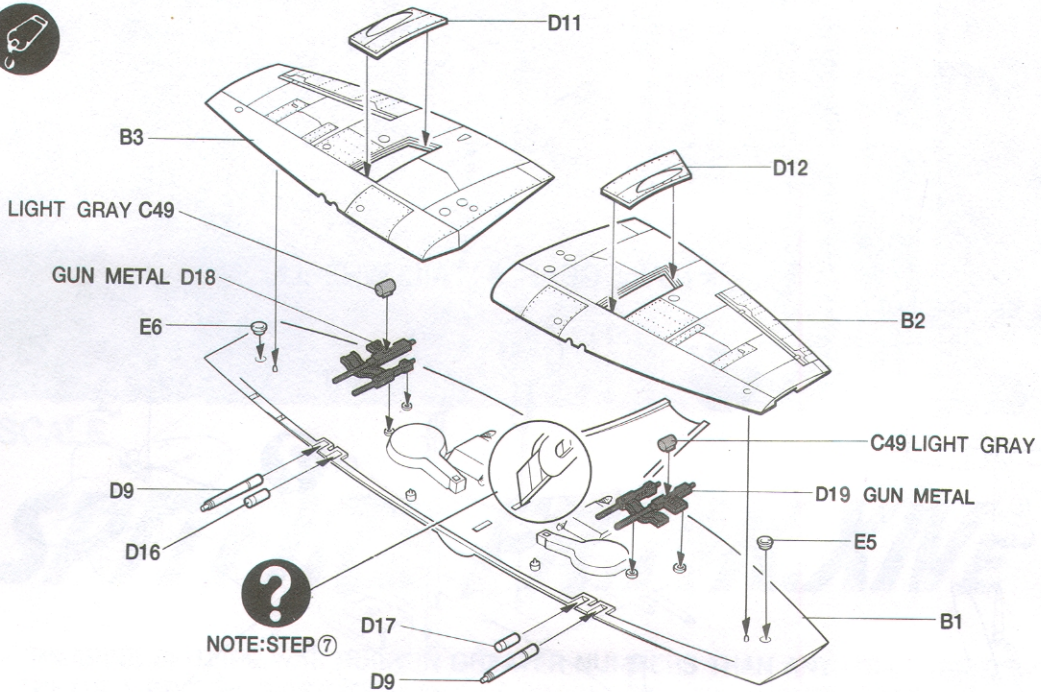




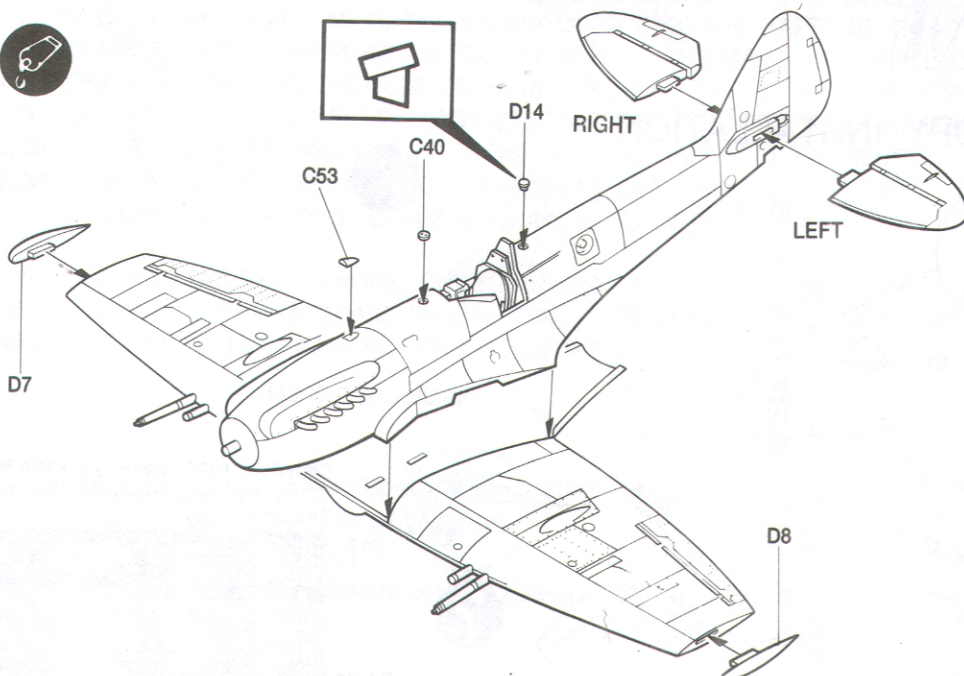
## ■ RADIATOR FARING



## 5 MAIN WING ASSEMBLY

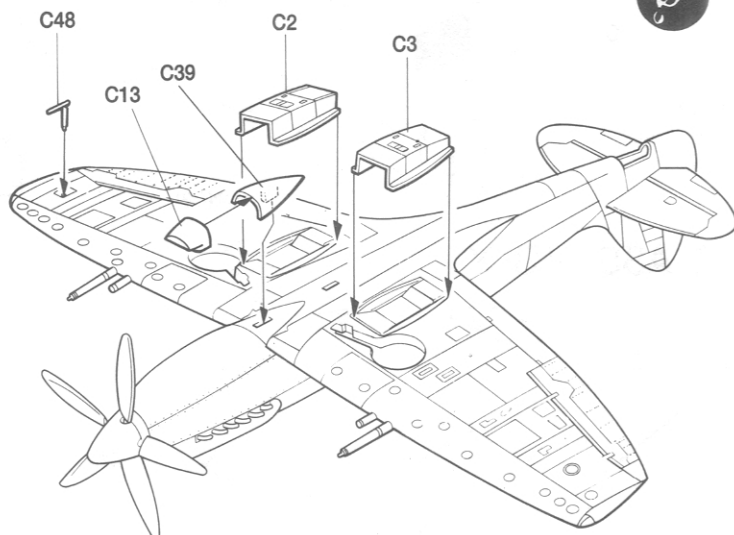


## 6 MAIN & TAIL PLANES INSTALLATION



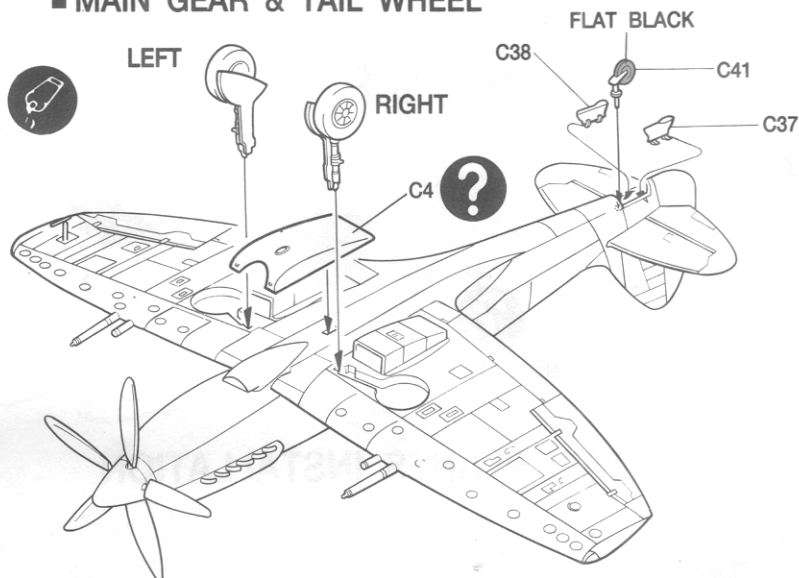
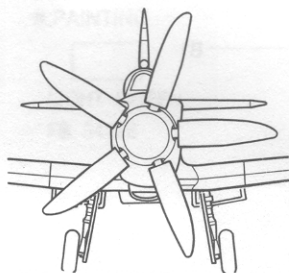
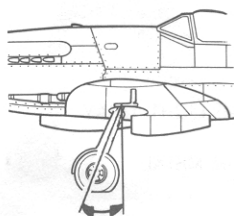
# 7 MAIN WING UNDERSIDE ASSEMBLY

## ■ RADIATOR & AIR INTAKE

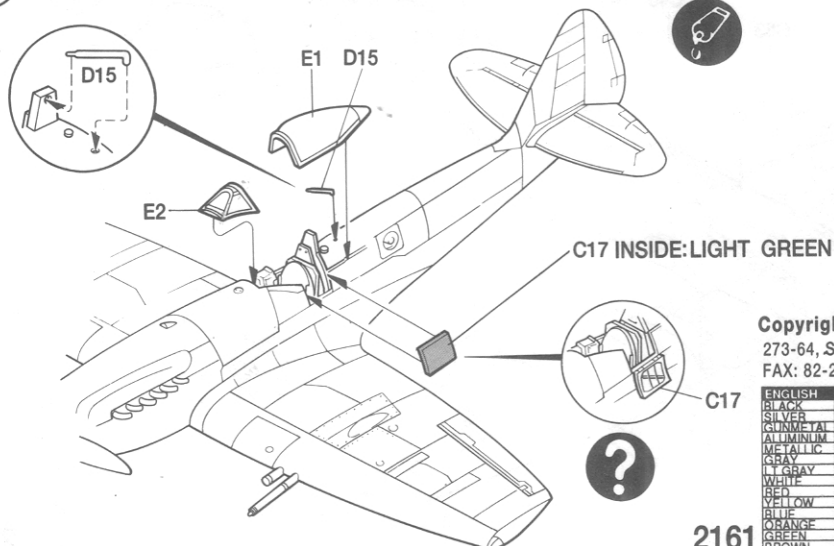


## ■ MAIN GEAR & TAIL WHEEL

※ ANGLE OF THE GEAR



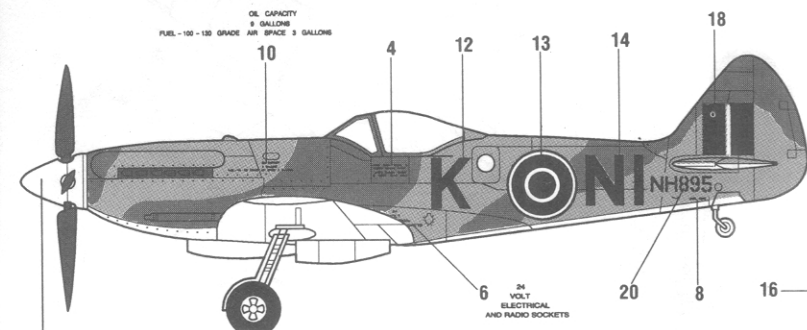
# 8 CANOPY INSTALLATION




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273-64, Suyu-dong, Kangbuk-ku, Seoul, Korea  
FAX: 82-2-997-3003

ENGLISH	FRENCH	GERMAN	SPANISH	ITALIAN
BLACK	NOIR	SCHWARZ	NEGRO	NERO
SILVER	ARGENT	SILBERN	PLATA	ARGENTO
STEEL	ACIER	STAHL	ACERO	ACCIAIO
ALUMINUM	ALUMINIUM	ALUMINIUM/FARBEN	ALUMINIO	ALLUMINIO
METALLIC	METALLIC	METALLIK	METALLICO	METALLICO
GRAY	GRIS	GRAU	GRIS	GRIGIO
LT GRAY	GRIS CLAIR	HELLGRAU	GRIS CLARO	GRIGIO CHIARO
WHITE	BLANC	WEISS	BLANC	BIANCO
RED	ROUGE	ROT	ROJO	ROSSO
YELLOW	JAUNE	GELB	AMARILLO	GIALLO
BLUE	BLEU	BLAU	AZUL	BLU
ORANGE	ORANGE	ORANGE	NARANJA	ARANCIO
GREEN	VERT	GRÜN	VERDE	VERDE
BROWN	BRUN	BRAUN	MARRON	MARRONE
TAN	BRUN CLAIR	HELLBRAUN	CANELA	MARRONE CHIARO

# Painting and Decal Placement



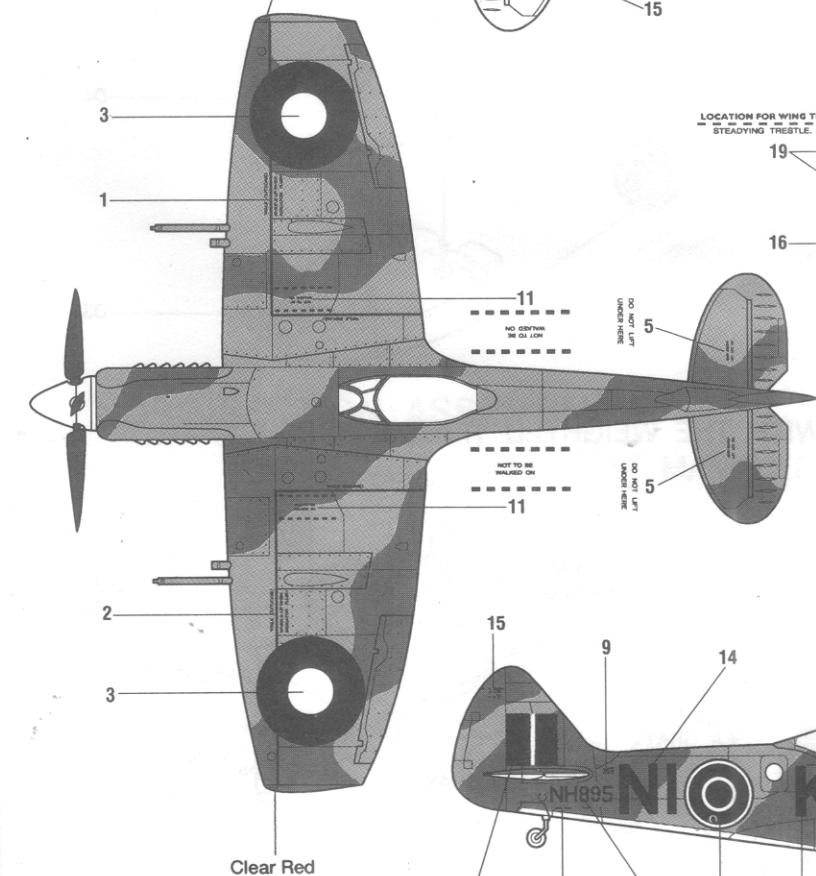
Spinner:  
White F.S.17875

 MEDIUM SEA GRAY  
F.S. 36270  
B.S. 381C/637

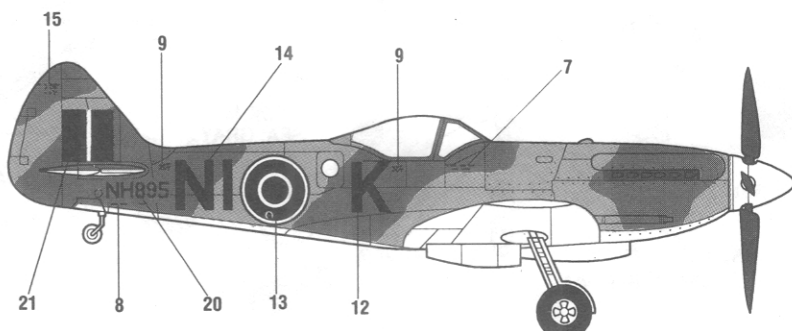
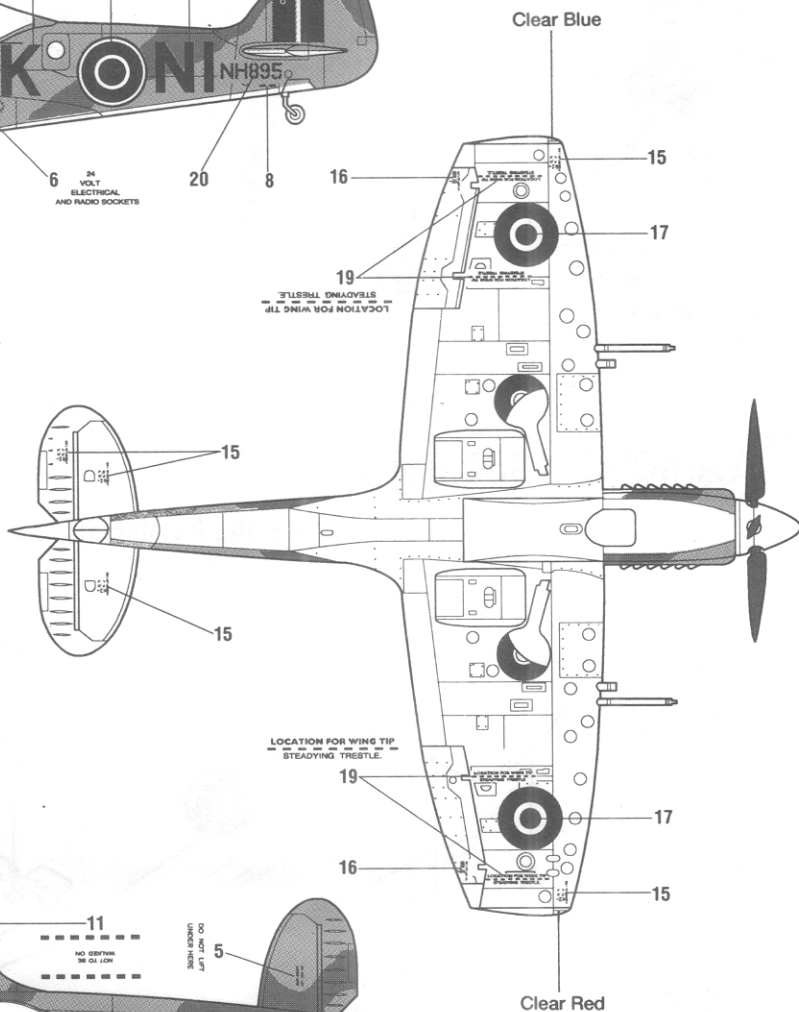
 OCEAN GRAY  
F.S. 36152  
B.S. 381C/638

 Dark Green  
F.S. 34079  
B.S. 381C/641

 Clear Blue



Clear Red



Cement Parts  
Coller  
Kleben  
Pagar  
Incollare  
Colar  
Kleven



DO NOT cement  
Ne pas coller  
Nicht kleben  
No pegar  
Non incollare  
Nao colar  
Niet kleven



Cut away  
Couper  
schneiden  
Cortar  
Tagliare  
Cortar  
Snijden



Optional parts  
Choix  
Auswahlmoglichkeit  
Eleccion  
Scelta  
Opcao  
Keuze

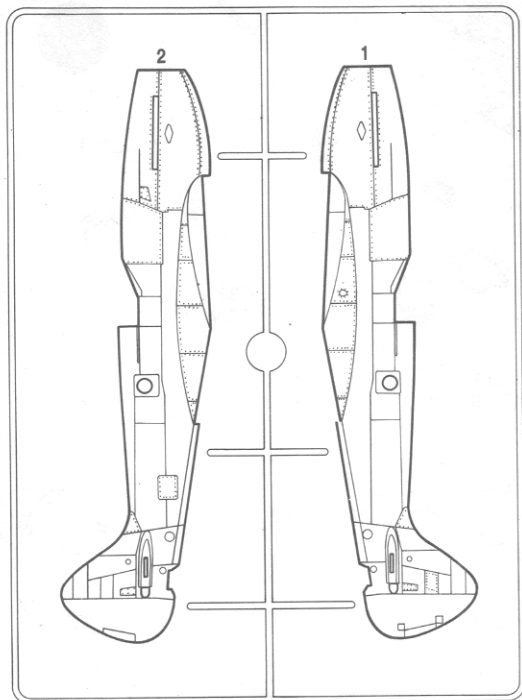


Repeat operation  
Répéter l'opération  
Vorgang wiederholen  
Repitir la operación  
Ripetere  
Repitir a operacao  
Herhalen

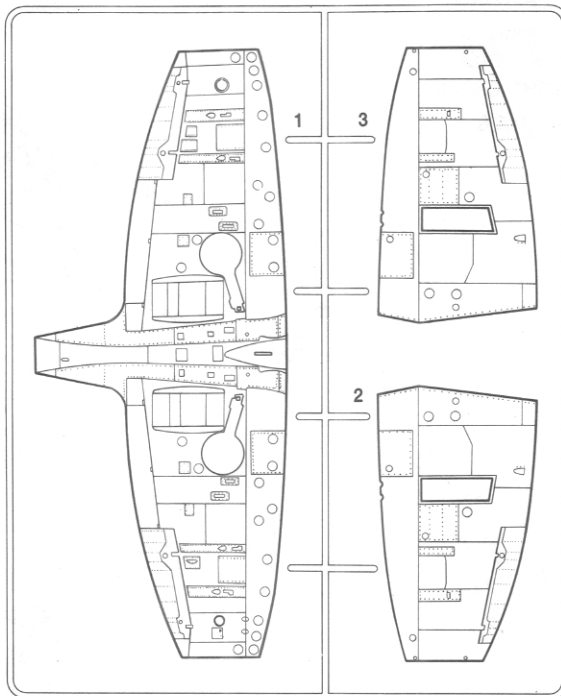


# Parts Locating Diagram

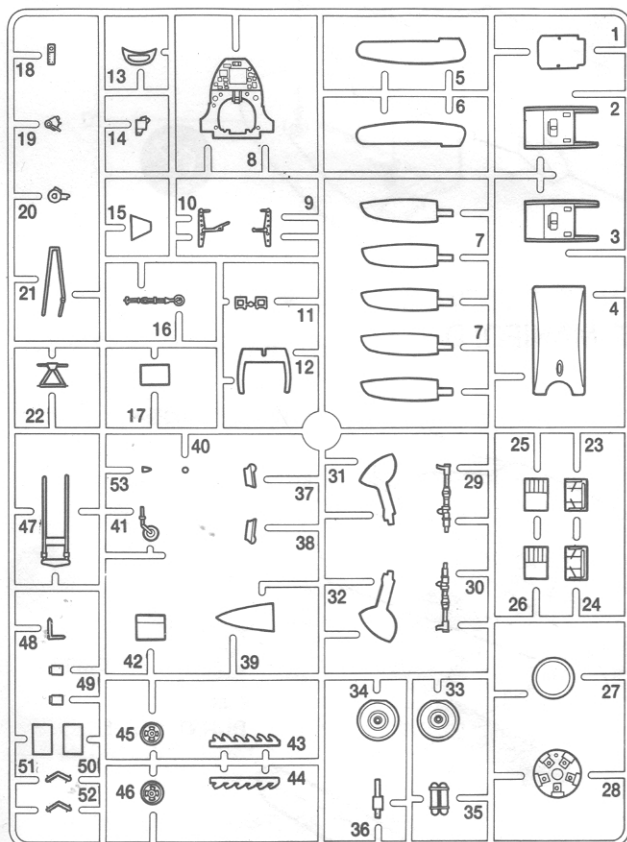
**A**



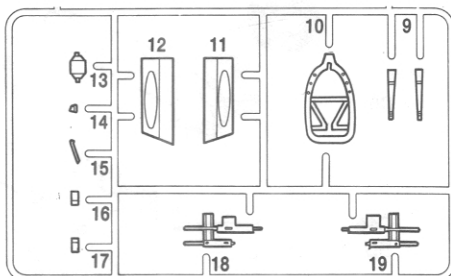
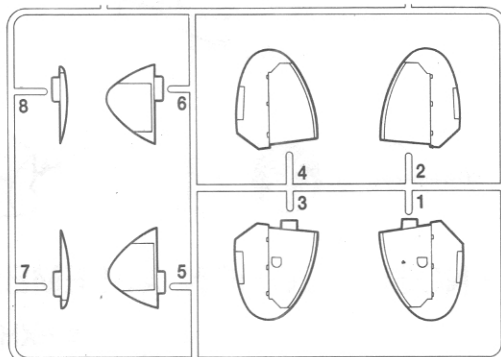
**B**



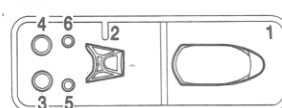
**C**



**D**



**E**



\* Unused parts: D5, D6

**ACADEMY**

2161 HOBBY MODEL KITS